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NEWS  1           Web Page URLs for STN Seminar Schedule - N. America
NEWS  2   Sep 17  IMSworld Pharmaceutical Company Directory name change
                  to PHARMASEARCH
NEWS  3   Oct 09  Korean abstracts now included in Derwent World Patents
                  Index
NEWS  4   Oct 09  Number of Derwent World Patents Index updates increased
NEWS  5   Oct 15  Calculated properties now in the REGISTRY/ZREGISTRY File
NEWS  6   Oct 22  Over 1 million reactions added to CASREACT
NEWS  7   Oct 22  DGENE GETSIM has been improved
NEWS  8   Oct 29  AAASD no longer available
NEWS  9   Nov 19  New Search Capabilities  USPATFULL and USPAT2
NEWS 10   Nov 19  TOXCENTER(SM) - new toxicology file now available on STN
NEWS 11   Nov 29  COPPERLIT now available on STN
NEWS 12   Nov 29  DWPI revisions to NTIS and US Provisional Numbers
NEWS 13   Nov 30  Files VETU and VETB to have open access
NEWS 14   Dec 10  WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002
NEWS 15   Dec 10  DGENE BLAST Homology Search
NEWS 16   Dec 17  WELDASEARCH now available on STN
NEWS 17   Dec 17  STANDARDS now available on STN
NEWS 18   Dec 17  New fields for DPCI
NEWS 19   Dec 19  CAS Roles modified
NEWS 20   Dec 19  1907-1946 data and page images added to CA and CAplus

NEWS EXPRESS   August 15 CURRENT WINDOWS VERSION IS V6.0c,
               CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),
               AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001
NEWS HOURS     STN Operating Hours Plus Help Desk Availability
NEWS INTER     General Internet Information
NEWS LOGIN     Welcome Banner and News Items
NEWS PHONE     Direct Dial and Telecommunication Network Access to STN
NEWS WWW       CAS World Wide Web Site (general information)
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Enter NEWS followed by the item number or name to see news on that
specific topic.

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      * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:45:38 ON 17 JAN 2002

=> file biosis caplus medline
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FILE 'BIOSIS' ENTERED AT 14:46:09 ON 17 JAN 2002
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FILE 'MEDLINE' ENTERED AT 14:46:09 ON 17 JAN 2002

=> s oligonucleotide#1 (10a) probe# (10a) cleav? (10a) (captur? or attach? or
immobiliz?)
'#' TRUNCATION SYMBOL NOT VALID WITHIN 'OLIGONUCLEOTIDE#1'
'#' TRUNCATION SYMBOL NOT VALID WITHIN 'OLIGONUCLEOTIDE#1'
'#' TRUNCATION SYMBOL NOT VALID WITHIN 'OLIGONUCLEOTIDE#1'
The truncation symbol # may be used only at the end of a search term.
To specify a variable character within a word use '!', e.g., 'wom!n'
to search for both 'woman' and 'women'. Enter "HELP TRUNCATION" at an
arrow prompt (=>) for more information.

=> s oligonucleotide# (10a) probe# (10a) cleav? (10a) (captur? or attach? or
immobiliz?)
L1   5 OLIGONUCLEOTIDE# (10A) PROBE# (10A) CLEAV? (10A) (CAPTUR? OR
               ATTACH? OR IMMOBILIZ?)

=> s l1 and electrophore?
L2   1 L1 AND ELECTROPHORE?

=> d l2 bib ab

L2   ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
AN   1997:257508 CAPLUS
DN   126:234431
TI   Detection of DNA mismatches by resolvase cleavage of hybrids using a
      capture sequence immobilized on a magnetic bead
IN   Babon, Jeff; Youil, Rima; Stoerker, Jay; Huff, Anne; Cotton, Richard G. H.
PA   Avitech Diagnostics, Inc., USA
SO   PCT Int. Appl., 58 pp.
      CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9709444	A1	19970313	WO 1996-US13851	19960830
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5851770	A	19981222	US 1995-545404	19951019
	AU 9669046	A1	19970327	AU 1996-69046	19960830
	AU 711836	B2	19991021		
	EP 850315	A1	19980701	EP 1996-929777	19960830
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2000507806	T2	20000627	JP 1997-511271	19960830
PRAI	US 1995-522582	A	19950901		
	US 1995-545404	A	19951019		
	US 1994-232530	B2	19940425		
	WO 1996-US13851	W	19960830		

AB   A method for detecting base mismatches between a pair of nucleic acid
      strands is described. One of the pair, a capture sequence, is immobilized
      on a magnetic particle through a ligand receptor mechanism, e.g. by
      binding a biotinylated nucleic acid to an avidin- or streptavidin-coated

particle. The other strand, or test sample, is labeled with a reporter
group such as fluorescein. The sample is captured by the beads using std.
hybridization methods under conditions that are tolerant of mismatches.
The sample is then incubated with a resolvase to nick the DNA at any base
mismatches. The digestion products are then analyzed
electrophoretically.

=> d l2 kwic

L2   ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
AB   . . . is then incubated with a resolvase to nick the DNA at any base
      mismatches. The digestion products are then analyzed
      electrophoretically.
IT   **Oligonucleotides**
      RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses)
          (**probes**, biotinylated, **immobilized**; detection of
          DNA mismatches by resolvase **cleavage** of hybrids using
          capture sequence **immobilized** on magnetic bead)

=> s l2 and kit#
L3   0 L2 AND KIT#

=>